



Kolcor DB Series Screen Changers

Operation

The DB Continuous Screen Changer is typically installed between an extruder and a gear pump or a die. Like all screen changers, the DB filters out contaminants that would compromise the end product or damage downstream equipment and provides a means for replacing dirty filters. However, unlike other screen changers that introduce an air bubble into the melt stream, or even require the extruder to be shut down, the **DB performs these functions while maintaining a continuous melt flow.**

During normal operation, melt flow is divided between two filtration screens. The operator can monitor the amount of contamination by observing the pressure differential across the filter. Once the pressure drop reaches a certain level, the operator presses a button to initiate a screen change. The top bolt then will move itself off line until the top filter is completely exposed. At this time, the operator will open the sliding guard, thus disabling the controls, and replace the dirty filter. Once this is done, the operator will close the guard and re-press the control button. The filter will then move part way into the body, where all air will be purged from the bolt cavity before moving on line. The bottom bolt will then will move off-line, and the cleaning process will be repeated.

Why Kolcor?

We know you have several choices of screen changer vendors, so why should you choose us? Simply put, you won't find better service anywhere.

Kolcor is not a small arm of some faceless conglomerate, we are a small company exclusively producing and perfecting screen changers. Instead of risking resources and outcomes by shopping for the cheapest parts, we make our parts and assemble our machines, ourselves. Not only does this allow us to keep our costs low and reduce turnaround time but we are in control of the quality from the time we purchase the raw material to when we crate your machine and ship it to you. No other American screen changer manufacturer can make this claim.